

S&MA Mission Services Task Directive

Control No. 0133	ORG No.: QD12	PROJECT SYMBOL: JIMO	Contract No. NAS8-00179
Originator's Signature: QD12/Vyga Kulpa/Greg Parrish <i>J. Greg Parrish</i>		Date: 5-10-04	Originator Priority: High
Office Manager's Signature: QD10/Tom Hartline <i>Alan L. Clark</i>		Date: 5/20/04	
COTR's Approval: QD01/Terry Hamm <i>Terry Hamm</i>		Date: 5-24-04	
Subject: Space System Integrated Fault Tree Analysis (FTA)			
Task Description: Utilizing as a basis PWS 3.0/5.0/6.0/8.0, provide the below assurance functions to the JIMO Project. <div style="text-align: center;"><i>JGP JPP</i></div> <p><u>Reliability PWS 5.0</u></p> <ol style="list-style-type: none"> 1. Develop system level fault-tree, and other reliability analyses. 2. Support Milestone Reviews as related to reliability. <p><u>Project Assurance PWS 8.0</u></p> <ol style="list-style-type: none"> 1. Coordinate with the project to assure resources are adequate and schedules are met. 2. Participate in Milestone Reviews, Data Reviews, and other essential reviews. 3. Coordinate with S&MA and Project Team Leads to assure proper execution of S&MA requirements. <p>Schedule/Deliverables: Fault tree analysis and or, reliability assessment, and expertise advice on S&MA discipline issues and planning per the following schedule: Initial System Fault Tree subsystem preparation and review: AACS 5/17/04 initial design team review C&DH 5/17/04 initial design team review Telecom 5/17/04 initial design team review Power Conversion 5/17/04 initial design team review PMAD 5/17/04 initial design team review Electric Propulsion 5/17/04 initial design team review Weekly Telecoms to the above subsystem design teams to update subsystem fault trees and system fault tree 5/11/04 through 6/03/04 Preparation of System Level Fault Tree and review 5/17/04 initial design team review Second Review of the above subsystem and system fault trees 5/24/04 Draft Report of System Level Fault Tree 6/01/04 Preparation of Review charts for the System and subsystem fault trees 6/03/04 Final Report of the System Level Fault Trees 6/10/04 Final Review Charts for the System Level Fault Trees 6/10/04</p>			
Report Progress To: S&MA Project Lead		Frequency of Report: Daily notes with Weekly Charts CoB each Friday	